

center of gravity.

A marked up copy of the specification and the Abstract indicating the above amendments is attached hereto.

In the claims:

Please amend claims 1-3, 7, 8, 10-19, 21-28, and 30 as follows:

- 92
1. (Once amended) A launcher platform comprising:  
  
a monolithic platform support structure; and  
  
a plurality of rails mounted on the monolithic platform support structure  
  
for supporting missiles thereon,  
  
each adjacent rail elevated above the other rails to accommodate additional  
  
missiles and different type missiles while maintaining a low center of gravity.
  2. (Once amended) The launcher platform of claim 1 in which there are six rails  
  
total, three on each side of the monolithic platform support structure, and the intermediate rails on  
  
each side are elevated above the other rails.
  3. (Once amended) The launcher platform of claim 1 in which there are N total rails  
  
where N is an even number,  $N/2$  rails on each side of the monolithic platform support structure,  
  
and the minority of the rails are elevated.
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7. (Once amended) The launcher platform of claim 4 in which there are six rails
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total, three on each side of the monolithic platform support structure, and the intermediate rails on each side are elevated above and offset rearwardly from the other rails.

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8. (Once amended) The launcher platform of claim 4 in which there are N rails total where N is an even number,  $N/2$  rails on each side of the monolithic platform support structure, and the minority of the rails are offset from the other rails.

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10. (Once amended) The launcher platform of claim 1 in which the monolithic platform support structure includes a set of mounting pads for each rail.

11. (Once amended) The launcher platform of claim 10 in which the mounting pads are cast as a part of the monolithic platform support structure.

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12. (Once amended) The launcher platform of claim 1 in which the monolithic platform support structure has a predetermined width and a predefined length.

13. (Once amended) The launcher platform of claim 1 in which the monolithic platform support structure is made of aluminum.

14. (Once amended) The launcher platform of claim 1 in which the monolithic platform support structure is made of a composite material.

15. (Once amended) The launcher platform of claim 1 in which the monolithic

platform support structure has a center line and the rails are symmetrically arranged with respect to the center line of the platform.

16. (Once amended) A launcher platform comprising:

a monolithic platform support structure; and

a plurality of rails mounted on the monolithic platform support structure for supporting missiles thereon, each adjacent rail elevated above and offset rearwardly from the other rails to accommodate additional missiles and different type missiles while maintaining a low center of gravity.

17. (Once amended) The launcher platform of claim 16 in which there are six rails total, three on each side of the monolithic platform support structure, and the intermediate rails on each side are elevated above the other rails.

18. (Once amended) The launcher platform of claim 16 in which there are N rails total where N is an even number,  $N/2$  rails on each side of the monolithic platform support structure, and the minority of the rails are elevated.

19. (Once amended) The launcher platform of claim 16 in which there are N rails total where N is an even number,  $N/2$  rails on each side of the monolithic platform support structure and the minority of the rails are offset rearwardly from the other rails.

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21. (Once amended) The launcher platform of claim 16 in which the monolithic platform support structure includes a set of mounting pads for each rail.
22. (Once amended) The launcher platform of claim 21 in which the mounting pads are cast as a part of the monolithic platform support structure.
23. (Once amended) The launcher platform of claim 16 in which the monolithic platform support structure has a predetermined width and a predefined length.
24. (Once amended) The launcher platform of claim 16 in which the monolithic platform support structure is made of aluminum.
25. (Once amended) The launcher platform of claim 16 in which the monolithic platform support structure is made of a composite material.
26. (Once amended) The launcher platform of claim 16 in which the monolithic platform support structure has a center line and the rails are symmetrically arranged with respect to the centerline of the platform.
27. (Once amended) A launcher platform comprising:
- a monolithic platform support structure; and
  - a plurality of rails on each side of the monolithic platform support structure, at least one rail on each side elevated above the other rails to accommodate additional

missiles and different type missiles.

AS Amend.  
28. (Once amended) The launcher platform of claim 27 in which there are N rails total where N is an even number, N/2 rails on each side of the monolithic platform support structure, and the minority of the rails on each side are elevated.

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30. (Once amended) A launcher platform comprising:  
a monolithic platform support structure; and  
a plurality of rails on each side of the monolithic platform support structure, at least one rail on each side offset rearwardly from the other rail or rails to accommodate additional missiles and different type missiles.

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A marked up copy of the claims indicating the above amendments is attached hereto.

Please add claims 32-39 as follows:

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32. A launcher platform comprising:  
a monolithic platform support structure; and  
a plurality of rails mounted on the monolithic platform support structure for supporting missiles thereon,  
each adjacent rail elevated above the other rails to accommodate additional missiles and different type missiles while maintaining a low center of gravity, the monolithic platform support structure including a set of mounting pads for each rail.

Claim 1010

33. The launcher platform of claim 32 in which the mounting pads are cast as a part of the platform.

*Claims  
1, 11*

34. A launcher platform comprising:  
a monolithic platform support structure; and  
a plurality of rails mounted on the support structure for supporting missiles thereon, each adjacent rail elevated above and offset rearwardly from the other rails to accommodate additional missiles and different type missiles while maintaining a low center of gravity, said monolithic platform support structure including a set of mounting pads for each rail.

*Claims  
1, 4, 5, 10*

35. The launcher platform of claim 34 in which the mounting pads are cast as a part of the platform.

*Claims  
1, 4, 5, 10, 11*

36. A launcher platform comprising:  
a support structure; and  
six rails mounted on the support structure for supporting missiles thereon, three rails on each side of the support structure, with the intermediate rails on each side elevated above [the other rails to accommodate additional missiles and different type missiles while maintaining a low center of gravity.]

*old claim 1  
rejected as  
claim 2*

37. A launcher platform comprising:  
a support structure; and

a plurality of rails mounted on the support structure for supporting missiles thereon,

each adjacent rail elevated above the other rails to accommodate additional missiles and different type missiles while maintaining a low center of gravity, in which the plurality of rails total N rails where N is an even number, with N/2 rails on each side of the support structure and the minority of the rails are elevated.

1020's

rejected 7/1?

38. A launcher platform comprising:

a support structure configured to be mounted on an HMMWV vehicle; and

a plurality of rails mounted on the support structure for supporting missiles

thereon, each adjacent rail elevated above the other rails to accommodate additional missiles and different type missiles while maintaining a low center of gravity.

rejected 03  
old claim 2

39. A launcher platform comprising:

a monolithic platform support structure; and

a plurality of rails disposed on the support structure to support missiles thereon

having at least one rail elevated above the other rails.

rejected



Please cancel claims 9 and 20.

#### REMARKS

The applicants appreciate the Examiner's thorough examination of the application and request reexamination and reconsideration of the application in view of the preceding